

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 October 2005 (13.10.2005)

PCT

(10) International Publication Number
WO 2005/095986 A2

(51) International Patent Classification⁷: **G01N 33/68**

(21) International Application Number:
PCT/IB2005/051095

(22) International Filing Date: 1 April 2005 (01.04.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PA 2004 00538 2 April 2004 (02.04.2004) DK

(71) Applicant (for all designated States except US): **AREXIS AB** [SE/SE]; Arvid Wallgrens Backe, S-413 46 Göteborg (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BJURSELL, Karl Gunnar** [SE/SE]; Riddar Tures Väg 13, S-433 31 Partille (SE). **NILSSON, Jeanette Annika** [SE/SE]; Ängslyckan 20, S-427 34 Billdal (SE). **ELLMARK, Sara** [SE/SE]; Letsegårdsvägen 45, S-427 40 Billdal (SE).

(74) Agent: **PLOUGMANN & VINGTOFT A/S, Camilla Outtrup**; Sundkrogsgade 9, P.O. Box 831, DK-2100 Copenhagen Ø (DK).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: NEW METHOD

(57) Abstract: The invention provides methods of screening test compounds for their ability to reduce retention of atherogenic lipoproteins in atherogenesis by measuring their activity as a modulator of the binding affinity of CEL (Carboxyl Ester Lipase) to various receptors. The invention further provides methods for the use of active modulators of the binding affinity of CEL to receptors for the prevention and treatment of atherosclerosis.



WO 2005/095986 A2